

Title (en)
MULTIPHASE SEPARATION SYSTEM

Title (de)
MEHRPHASENTRENNUNGSSYSTEM

Title (fr)
SYSTÈME DE SÉPARATION MULTIPHASE

Publication
EP 3137732 B1 20201111 (EN)

Application
EP 15723341 A 20150410

Priority
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Abstract (en)
[origin: US2015306520A1] The current disclosure relates to multiphase fluid separation via a multiphase separation system. The multiphase separation system is configured to feed a multiphase fluid into feed lines within the multiphase separation system, wherein the feed lines consist of an upper line, a middle line, and a lower line. The upper line is configured to flow a first stream substantially including oil into an oil section of a control volume. The middle line is configured to flow a second stream substantially including an oil/water emulsion into an oil/water emulsion section of the control volume. The lower line is configured to flow a third stream substantially including water into a water section of the control volume. The control volume is configured to adjust fluid flow rate at an outlet, wherein the oil section, the water section, and the oil/water emulsion section each commingle at different heights of the control volume.

IPC 8 full level
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